

Converting Colors

Hex(2C7F8A)

Have a look what the booklet for
Hex(2C7F8A) contains.

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Color

Hex(2C7F8A)

Conversions

Conversions Part 1

Format	Color
Hex	2C7F8A
RGB	44, 127, 138
RGB Percent	17%, 50%, 54%
CMY	0.8275, 0.5020, 0.4588
CMYK	0.68, 0.08, 0.00, 0.46
HSL	187°, 52%, 36%
HSV	187°, 68%, 54%
XYZ	13.2155, 17.5492, 26.7356
YIQ	103.4370, -52.9990, -14.1750

Conversions

Conversions Part 2

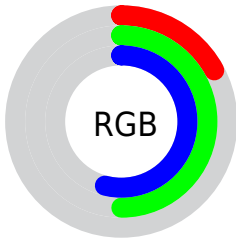
Format	Color
RYB	44, 88, 138
Decimal	2916234
CIELab	48.94, -20.90, -13.27
CIElCh	49, 24.757, 212.400
Yxy	17.5492, 0.2298, 0.3052
Android (android.graphics.Color)	4281106314 (0xFF2C7F8A)
YUV	103.4370, 17.0396, -52.1262
Hunter-Lab	41.8918, -16.9995, -8.5150

Details

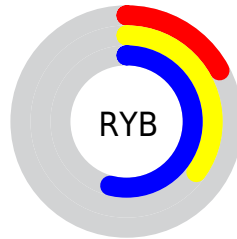
The Hex color **2C7F8A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **8A372C**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **66B4BF**, and **004E58** is the 20% darker color. If you saturate the color by 10%, you get **1E7D8A**, and if you desaturate by 10%, it is **3A818A**.

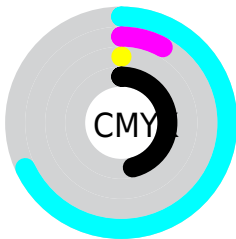
Distribution



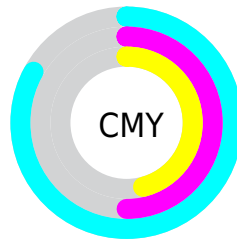
- Red (17%)
- Green (50%)
- Blue (54%)



- Red (17%)
- Yellow (35%)
- Blue (54%)



- Cyan (68%)
- Magenta (8%)
- Yellow (0%)
- Black (46%)



- Cyan (83%)
- Magenta (50%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C7F8A changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 2C7F8A by changing the saturation by 10% instead.

 2C7F8A

 2C7F8A

FFFFFF

 006671

 66B4BF

 004E58

 82D0DB

 003641

 9EECF8

 00212B

 BBFFFF

 000117

 D8FFFF

 000000

 F5FFFF

 2C7F8A

 2C7F8A

 1E7D8A

 3A818A

■ 107C8A

■ 48828A

■ 037A8A

■ 55848A

■ 007A8A

■ 63858A

■ 71878A

■ 7F898A

■ 8D8A8A

■ 9A8C8A

■ A88E8A

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



3A8075



2C7F8A



3B7C99

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2C7F8A



906888



81744A

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



2C7F8A



8A372C

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



936C50



2C7F8A



9C6473

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2C7F8A



796E98



9D665F



6B7A50

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



2C7F8A



50789D



9D665F



88714B

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



2C7F8A



8FAEB3



2C8A37



445759



D9D9D9



595959

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



2C7F8A



20A1B3



2C508A



3E4445



007585



000505

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



8A2C7F



B320A1



8A662C



453E44



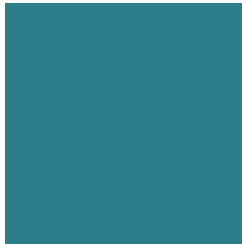
850075



050005

Previews

White Background



This preview shows how the Hex color 2C7F8A looks on a white background.

Color Contrast Check

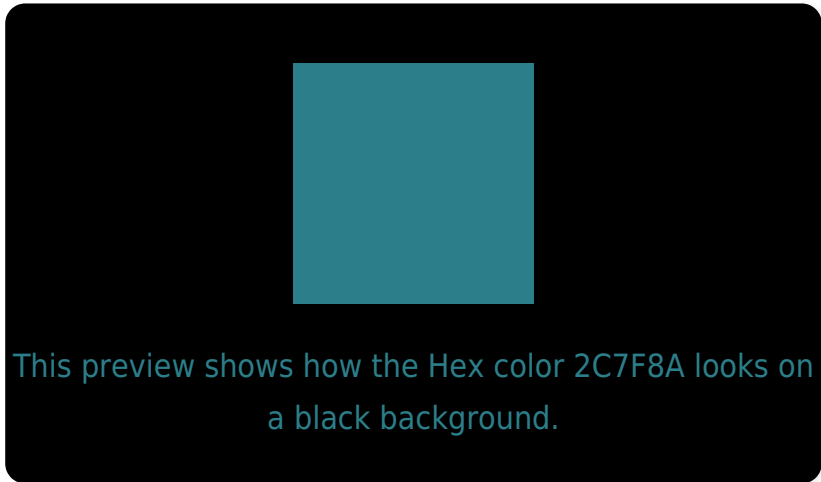
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

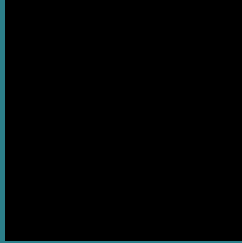
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2C7F8A Background



This preview shows how black text looks on a background with the Hex color 2C7F8A.



This preview shows how white text looks on a background with the Hex color 2C7F8A.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

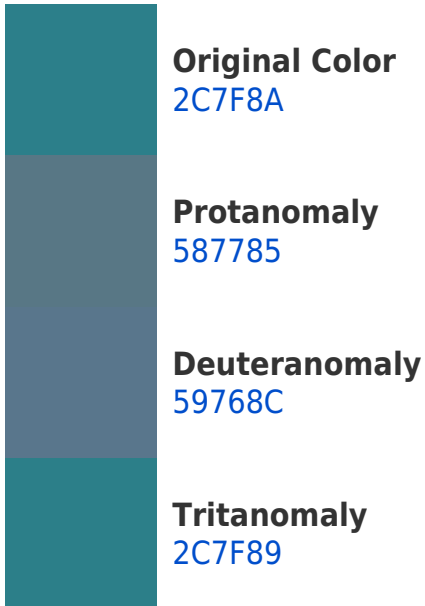
Dichromacy





Tritanopia
2C7F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2C7F8A is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #2C7F8A looks like.

```
.text, #text, p{  
    color:#2C7F8A  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #2C7F8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C7F8A
}
```

Border

The CSS property to change the border of an element to Hex 2C7F8A is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C7F8A }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#2C7F8A }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #2C7F8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C7F8A; -webkit-box-shadow:4px 4px  
4px 4px #2C7F8A; box-shadow:4px 4px 4px  
4px #2C7F8A }
```

Background

The CSS property to change the background color of an element to Hex 2C7F8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C7F8A }
```

If only the background color should be changed can be used:

```
.background{ background-color:#2C7F8A }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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